



[Go to Product page](#)

Datasheet for ABIN7271364

anti-MIOS antibody

1 Image

Overview

Quantity:	100 µL
Target:	MIOS
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIOS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MIOS Rabbit pAb
Immunogen:	Recombinant protein of human MIOS.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	MIOS
Alternative Name:	MIOS (MIOS Products)
Background:	As a component of the GATOR subcomplex GATOR2, functions within the amino acid-sensing

Target Details

branch of the TORC1 signaling pathway. Indirectly activates mTORC1 and the TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex. It is negatively regulated by the upstream amino acid sensors SESN2 and CASTOR1.,MIO,Sea4,Yulink,MIOS,Cell Biology & Developmental Biology,MIOS

Molecular Weight: 98kDa

Gene ID: 54468

UniProt: [Q9NXC5](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

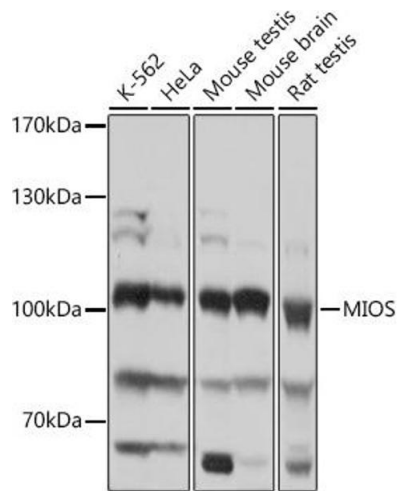
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MIOS antibody (ABIN7271364) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.